

IN THE CLAIMS:

Claims 5, 10, 13, and 17 have been amended as follows:

3/8/93 7 8. (Amended) A recordable optical disk where disk-applicable-recording-speed information indicative of applicable recording speeds for the optical disk is pre-recorded on a track of said optical disk during manufacture of the optical disk,

wherein the disk-applicable-recording-speed information is pre-recorded in pre-groove wobbles or pre-pits of the optical disk, the disk-applicable-recording-speed information is information indicative of lower and upper limit values of the applicable recording speeds, and one of the lower and upper limit values of the applicable recording speeds is incorporated in lead-in start time information recorded in the pre-groove wobbles or pre-pits of the optical disk and another of the lower and upper limit values of the applicable recording speeds is incorporated in lead-out start time information recorded in the pre-groove wobbles or pre-pits of the optical disk.

11 10. (Amended) An optical disk recording device for recording on an optical disk where disk-applicable-recording-speed information is incorporated in either one or both of lead-in start time information and lead-out start time information recorded in pre-groove wobbles or pre-pits of the optical disk during manufacture of the optical disk, said optical disk recording device comprising:

a time information reproducing circuit that reproduces, from among disk readout signals generated by reading the optical disk to be recorded on, either one or both of the lead-in start time information and the lead-out start time

information recorded in the pre-groove wobbles or pre-pits of the optical disk during manufacture of the optical disk; and

a control circuit that determines disk-applicable recording speeds based on either one or both of the lead-in start time information and the lead-out start time information reproduced by said time information reproducing circuit and performs recording on the optical disk after setting a recording speed for the optical disk to a speed value within a range of the determined disk-applicable recording speeds.

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~~13~~. (Amended) An optical disk recording device for recording on a recordable optical disk where both of lower and upper limit values of disk-applicable recording speeds are incorporated in either one or both of lead-in start time information and lead-out start time information recorded in pre-groove wobbles or pre-pits of the optical disk during manufacture of the optical disk, said optical disk recording device comprising:

a time information reproducing circuit that reproduces, from among disk readout signals generated by reading the optical disk to be recorded on, the lead-in start time information or the lead-out start time information recorded in the pre-groove wobbles or pre-pits of the optical disk during manufacture of the optical disk; and

a control circuit that determines the lower and upper limit values of the disk-applicable recording speeds based on the lead-in start time information or the lead-out start time information reproduced by said time information

3 reproducing circuit and performs recording on the optical disk after setting a recording speed for the optical disk to a speed value within a range of the lower limit value to the upper limit value of the disk-applicable recording speeds.

17. (Amended) An optical disk recording device for recording on a recordable optical disk where disk-applicable-recording-speed information is incorporated in either one or both of lead-in start time information and lead-out start time information recorded in pre-groove wobbles or pre-pits of the optical disk during manufacture of the optical disk, said optical disk recording device comprising:

24 a disk-applicable-recording-speed information storage circuit that stores therein correspondencies between values of either one or both of the lead-in start time information and the lead-out start time information recorded in the pre-groove wobbles or pre-pits of the optical disk during manufacture of the optical disk and values of disk-applicable recording speeds;

a time information reproducing circuit that reproduces, from among disk readout signals generated by reading the optical disk to be recorded on, either one or both of the lead-in start time information and the lead-out start time information recorded in the pre-groove wobbles or pre-pits of the optical disk;

a display unit that displays the disk-applicable-recording-speed information that is read out from said disk-applicable-recording-speed information storage circuit based on either one or both of the lead-in start time information and the lead-out start time information reproduced by said time information reproducing circuit;

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a recording speed designating section that designates a particular recording speed value based on an operation by a user; and

a control circuit that performs recording on the optical disk after setting a recording speed for the optical disk to the particular recording speed value designated by said recording speed designating section.
